

Title (en)  
GABION REINFORCEMENT ELEMENT

Title (de)  
GABIONSVERSTÄRKUNGSELEMENT

Title (fr)  
ÉLÉMENT DE RENFORT DE GABION

Publication  
**EP 4230802 A1 20230823 (EN)**

Application  
**EP 23157316 A 20230217**

Priority  
IT 202200003050 A 20220218

Abstract (en)  
A reinforcement element for constructing earth covering, containment and reinforcement structures, in particular for constructing support walls, said reinforcement element comprising a reinforcement web(18) which is formed by a mesh, wherein said reinforcement web is adjacent and secured to a containment structure comprising at least one front face (13) made of double-torsion metal mesh, wherein a front panel (20) of electro-welded mesh is fixed to the front face (13), preferably by means of metal fasteners (20), such as clips or C-rings.

IPC 8 full level  
**E02D 29/02** (2006.01)

CPC (source: EP)  
**E02D 29/0208** (2013.01); **E02D 29/0241** (2013.01)

Citation (applicant)  
• US 5161917 A 19921110 - PAPETTI ANDREA [IT]  
• EP 1012406 A1 20000628 - MACCAFERRI SPA OFF [IT]  
• EP 1579081 A1 20050928 - MACCAFERRI SPA OFF [IT]

Citation (search report)  
• [XDAI] EP 1012406 A1 20000628 - MACCAFERRI SPA OFF [IT]  
• [XI] EP 1711661 A1 20061018 - MACCAFERRI SPA OFF [IT]  
• [XAI] US 2020248426 A1 20200806 - PALMA DONATELLA [IT]  
• [A] GB 2073281 A 19811014 - NETLON LTD

Citation (third parties)  
Third party : **Anonymous**  
• US 5161917 A 19921110 - PAPETTI ANDREA [IT]  
• EP 1012406 A1 20000628 - MACCAFERRI SPA OFF [IT]  
• EP 1579081 A1 20050928 - MACCAFERRI SPA OFF [IT]  
• EP 1711661 A1 20061018 - MACCAFERRI SPA OFF [IT]  
• US 2020248426 A1 20200806 - PALMA DONATELLA [IT]  
• GB 2073281 A 19811014 - NETLON LTD  
• EP 1308562 B1 20050907 - MACCAFERRI SPA OFF [IT]  
• JP 2016075095 A 20160512 - SETOUCHI WIRE NETTING IND CO LTD  
• CN 212270826 U 20210101 - CARS RAILWAY ENG RES INST, et al  
• ANONYMOUS: "TECHNICAL DATA SHEET Rev: 07d", MACCAFERRI, 26 April 2018 (2018-04-26), pages 1 - 2, XP093135691  
• ANONYMOUS: "RockBox Gabions and Mattresses", GEOSYNTHETICS, 14 November 2011 (2011-11-14), pages 1 - 13, XP093135696

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4230802 A1 20230823**; IT 202200003050 A1 20230818

DOCDB simple family (application)  
**EP 23157316 A 20230217**; IT 202200003050 A 20220218